



Dart Aerospace Ltd.  
1270 Aberdeen St  
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K6A 1K7  
Canada

Tel (613) 632-5200  
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**D412-760-011**  
**Job Sheet 196499**



**Part No:** D412-760-011

**Job Qty:** 1 pcs ✓

**Part Name:** Cabin Floor Protector



*Master Unit  
No 010709*

**Part Weight:** 0 lbs

**Status:** New

**Priority:** Medium

**Job Created:** 6/13/19

**Job Tracking No:**

**Due Date:** 7/25/19

**Created By:** Marie Lajeunesse

**Type:** Stock

**Description:** SIOP

**Note:** DWG REV G SHEET 41 IPP rev A 07.07.05 new issue EC IPP Rev:B 08-08-20 revB as per dwg DD verified by:ec

**Ship Via:**

### Bill of Materials

### Job Routing

| Op<br>No | Operation              | Qty   | Start Date | Due<br>Date | Standard     |            | Workcenter/Supplier   |                   | Sign-off     |
|----------|------------------------|-------|------------|-------------|--------------|------------|-----------------------|-------------------|--------------|
|          |                        |       |            |             | Setup<br>Hrs | Run<br>Hrs | Workcenter / Supplier | Lead Time         |              |
| 110      | Packaging 1 - Pick Kit | 1 pcs |            | 7/25/19     | 0.00         | 0.00       | Packaging 1 - 1       |                   |              |
|          |                        |       |            |             |              |            | Packaging 1 - 2       |                   |              |
|          |                        |       |            |             |              |            | Packaging 1 - 3       | <i>Wed 7-3-19</i> | <i>Oscar</i> |
|          |                        |       |            |             |              |            | Packaging 1 - 4       |                   |              |
|          |                        |       |            |             |              |            | Packaging 1 - 5       |                   |              |
|          |                        |       |            |             |              |            | Packaging 1 - 6       |                   |              |
|          |                        |       |            |             |              |            | Packaging 1 - 7       |                   |              |
|          |                        |       |            |             |              |            | Packaging 1 - 8       |                   |              |
|          |                        |       |            |             |              |            | Packaging 1 - 9       |                   |              |
|          |                        |       |            |             |              |            | Packaging 1 - 10      |                   |              |
|          |                        |       |            |             |              |            | Packaging 1 - 11      |                   |              |
|          |                        |       |            |             |              |            | Packaging 1 - 12      |                   |              |
|          |                        |       |            |             |              |            | Packaging 1 - 13      |                   |              |
|          |                        |       |            |             |              |            | Packaging 1 - 14      |                   |              |
|          |                        |       |            |             |              |            | Packaging 1 - 15      |                   |              |
|          |                        |       |            |             |              |            | Packaging 1 - 16      |                   |              |
|          |                        |       |            |             |              |            | Packaging 1 - 17      |                   |              |
|          |                        |       |            |             |              |            | Packaging 1 - 18      |                   |              |
|          |                        |       |            |             |              |            | Packaging 1 - 19      |                   |              |
|          |                        |       |            |             |              |            | Packaging 1 - 20      |                   |              |
|          |                        |       |            |             |              |            | Packaging 1 - 21      |                   |              |
|          |                        |       |            |             |              |            | Packaging 1 - 22      |                   |              |
|          |                        |       |            |             |              |            | Packaging 1 - 23      |                   |              |
|          |                        |       |            |             |              |            | Packaging 1 - 24      |                   |              |
|          |                        |       |            |             |              |            | Packaging 1 - 25      |                   |              |
|          |                        |       |            |             |              |            | Packaging 1 - 26      |                   |              |
|          |                        |       |            |             |              |            | Packaging 1 - 27      |                   |              |
|          |                        |       |            |             |              |            | Packaging 1 - 28      |                   |              |
|          |                        |       |            |             |              |            | Packaging 1 - 29      |                   |              |
|          |                        |       |            |             |              |            | Packaging 1 - 30      |                   |              |



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**Container No:** S195424



**Part:** D412-760-011

**Job No:** 196499

**Serial No/Batch:** S195424

**Revision:**

**Inspector:**

**Exp Date:**

**Instructions:** TC STC SH07-37 Issue 2, FAA STC SR024921

|                                                                                                                          |       |         |           |  |                        |             |
|--------------------------------------------------------------------------------------------------------------------------|-------|---------|-----------|--|------------------------|-------------|
|                                                                                                                          |       |         |           |  | Packaging 1 - 31       |             |
|                                                                                                                          |       |         |           |  | Packaging 1 - 32       |             |
|                                                                                                                          |       |         |           |  | Packaging 1 - 33       |             |
|                                                                                                                          |       |         |           |  | Packaging 1 - 34       |             |
|                                                                                                                          |       |         |           |  | Packaging 1 - 35       |             |
|                                                                                                                          |       |         |           |  | Packaging 1 - 36       |             |
| 120 QC 4                                                                                                                 | 1 pcs | 7/25/19 | 0.00 0.00 |  | QC 4 - 28              |             |
|                                                                                                                          |       |         |           |  | QC 4 - 58              |             |
|                                                                                                                          |       |         |           |  | QC 4 - 69              |             |
|                                                                                                                          |       |         |           |  | QC 4 - 9               |             |
|                                                                                                                          |       |         |           |  | QC 4 - 46              | DAS         |
|                                                                                                                          |       |         |           |  | QC 4 - 68              | 75          |
|                                                                                                                          |       |         |           |  | QC 4 - 72              | 9-89        |
|                                                                                                                          |       |         |           |  | QC 4 - 74              |             |
|                                                                                                                          |       |         |           |  |                        | JUL 05 2019 |
| 130 Packaging 3-1 - Stock - B4B                                                                                          | 1 pcs | 7/25/19 | 0.00 0.00 |  | Packaging 3 - 1 - B4B  |             |
|                                                                                                                          |       |         |           |  | Packaging 3 - 2 - B4B  |             |
|                                                                                                                          |       |         |           |  | Packaging 3 - 3 - B4B  |             |
|                                                                                                                          |       |         |           |  | Packaging 3 - 4 - B4B  |             |
|                                                                                                                          |       |         |           |  | Packaging 3 - 5 - B4B  |             |
|                                                                                                                          |       |         |           |  | Packaging 3 - 6 - B4B  | DAS         |
|                                                                                                                          |       |         |           |  | Packaging 3 - 7 - B4B  | 75          |
|                                                                                                                          |       |         |           |  | Packaging 3 - 8 - B4B  | 9-89        |
|                                                                                                                          |       |         |           |  | Packaging 3 - 9 - B4B  |             |
|                                                                                                                          |       |         |           |  | Packaging 3 - 10 - B4B |             |
|                                                                                                                          |       |         |           |  | Packaging 3 - 11 - B4B |             |
|                                                                                                                          |       |         |           |  | Packaging 3 - 12 - B4B |             |
|                                                                                                                          |       |         |           |  | Packaging 3 - 13 - B4B |             |
|                                                                                                                          |       |         |           |  | Packaging 3 - 14 - B4B |             |
|                                                                                                                          |       |         |           |  | Packaging 3 - 15 - B4B |             |
|                                                                                                                          |       |         |           |  | Packaging 3 - 16 - B4B |             |
|                                                                                                                          |       |         |           |  | Packaging 3 - 17 - B4B |             |
|                                                                                                                          |       |         |           |  | Packaging 3 - 18 - B4B |             |
|                                                                                                                          |       |         |           |  | Packaging 3 - 19 - B4B |             |
|                                                                                                                          |       |         |           |  | Packaging 3 - 20 - B4B |             |
|                                                                                                                          |       |         |           |  | Packaging 3 - 21 - B4B |             |
|                                                                                                                          |       |         |           |  | Packaging 3 - 22 - B4B |             |
|                                                                                                                          |       |         |           |  | Packaging 3 - 23 - B4B |             |
|                                                                                                                          |       |         |           |  | Packaging 3 - 24 - B4B |             |
|                                                                                                                          |       |         |           |  | Packaging 3 - 25 - B4B |             |
|                                                                                                                          |       |         |           |  | Packaging 3 - 26 - B4B |             |
|                                                                                                                          |       |         |           |  | Packaging 3 - 27 - B4B |             |
|                                                                                                                          |       |         |           |  | Packaging 3 - 28 - B4B |             |
|                                                                                                                          |       |         |           |  | Packaging 3 - 29 - B4B |             |
|                                                                                                                          |       |         |           |  | Packaging 3 - 30 - B4B |             |
|                                                                                                                          |       |         |           |  | Packaging 3 - 31 - B4B |             |
|                                                                                                                          |       |         |           |  | Packaging 3 - 32 - B4B |             |
|                                                                                                                          |       |         |           |  | Packaging 3 - 33 - B4B |             |
|                                                                                                                          |       |         |           |  | Packaging 3 - 34 - B4B |             |
|                                                                                                                          |       |         |           |  | Packaging 3 - 35 - B4B |             |
|                                                                                                                          |       |         |           |  | Packaging 3 - 36 - B4B |             |
|                                                                                                                          |       |         |           |  |                        | DAS         |
|                                                                                                                          |       |         |           |  |                        | 21          |
|                                                                                                                          |       |         |           |  |                        | 9-89        |
| 135 DC - 1 - B4B                                                                                                         | 1 pcs | 7/25/19 | 0.00 0.00 |  | DC - 1 - B4B           |             |
|                                                                                                                          |       |         |           |  | DC - 2 - B4B           |             |
|                                                                                                                          |       |         |           |  |                        | JUL 05 2019 |
| 140 QC 21 - FG                                                                                                           | 1 pcs | 7/25/19 | 0.00 0.00 |  | QC 21 - FG - 21        |             |
|                                                                                                                          |       |         |           |  | QC 21 - FG - 70        |             |
|                                                                                                                          |       |         |           |  | QC 21 - FG - 53        |             |
|                                                                                                                          |       |         |           |  |                        | DAS         |
|                                                                                                                          |       |         |           |  |                        | 21          |
|                                                                                                                          |       |         |           |  |                        | 9-89        |
| Part Op 120 - (QC4- 100% Inspect kits for completeness)                                                                  |       |         |           |  |                        |             |
| Descriptions: 130 - (Identify as per dwg & Stock Location: _____) Identify and pack for shipping as per PPP D412-760-011 |       |         |           |  |                        |             |
| Location:FG049                                                                                                           |       |         |           |  |                        |             |
| 135 - Photocopy bluefile & type labels per PPP D412-760-011 CHG002                                                       |       |         |           |  |                        |             |
| 140 - (QC21- Final Inspection - Work Order Release)                                                                      |       |         |           |  |                        |             |



Master Unit N° 010709

## Job BOM

| Part / Item         | Component Name        | Quantity         | Operation                  | Container |
|---------------------|-----------------------|------------------|----------------------------|-----------|
| D3574-1 PK6002      | Cabin Floor Protector | 1 pcs (1 ea)     | 110-Packaging 1 - Pick Kit | 5189689 ✓ |
| D3574-2 f6234       | Cabin Floor Protector | 1 pcs (1 ea)     | 110-Packaging 1 - Pick Kit | 5180683 ✓ |
| D3575-1 f6234       | Cargo Floor Protector | 1 pcs (1 ea)     | 110-Packaging 1 - Pick Kit | 5189797 ✓ |
| D3575-2 f6234       | Cargo Floor Protector | 1 pcs (1 ea)     | 110-Packaging 1 - Pick Kit | 5180695 ✓ |
| D3580-1 ST040       | Joggle Bracket        | 6 pcs (6 ea) ✓   | 110-Packaging 1 - Pick Kit | 5147291 ✓ |
| D3628-1 ST044       | Washer, Cupped        | 14 pcs (14 ea) ✓ | 110-Packaging 1 - Pick Kit | 5149046 ✓ |
| D3628-3 ST044       | Cupped Washer         | 6 pcs (6 ea) ✓   | 110-Packaging 1 - Pick Kit | 5113539 ✓ |
| MS24694-S100 ST283  | Flat Head Screw       | 6 Ea (6 ea) ✓    | 110-Packaging 1 - Pick Kit | 5118187 ✓ |
| MS24694-S54 ST284   | Screw                 | 14 Ea (14 ea) ✓  | 110-Packaging 1 - Pick Kit | 5152667 ✓ |
| NAS1149D0363J ST263 | Washer                | 28 Ea (28 ea) ✓  | 110-Packaging 1 - Pick Kit | 5176545 ✓ |
| NAS1149D0463J ST264 | Washer                | 12 Ea (12 ea) ✓  | 110-Packaging 1 - Pick Kit | 5174671 ✓ |

## Job Allocations

| Operation                  | Component Part | Required | Inventory | Allocated |
|----------------------------|----------------|----------|-----------|-----------|
| 110-Packaging 1 - Pick Kit | D3574-1        | 1        | 3         | 0         |
|                            | D3574-2        | 1        | 3         | 0         |
|                            | D3575-1        | 1        | 3         | 0         |
|                            | D3575-2        | 1        | 4         | 0         |
|                            | D3580-1        | 6        | 43        | 0         |
|                            | D3628-1        | 14       | 158       | 0         |
|                            | D3628-3        | 6        | 363       | 0         |
|                            | MS24694-S100   | 6        | 48        | 0         |
|                            | MS24694-S54    | 14       | 266       | 0         |
|                            | NAS1149D0363J  | 28       | 1,169     | 0         |
|                            | NAS1149D0463J  | 12       | 2,852     | 0         |

## Part Specifications

Specifications could not be found.

Plex 6/13/19 3:17 PM Dart.lajeunesse.marie

Entered: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. \_\_\_\_\_

Route update only ☐

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                               |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------|--|
| Job: _____<br><br>Part No. _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/> | <b>DEPARTMENT/PROCESS</b><br><br><div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/><br/>           Machining <input type="checkbox"/><br/>           Large Fab <input type="checkbox"/> </div> <div>           Cross tube <input type="checkbox"/><br/>           Small Fab <input type="checkbox"/><br/>           Finishing <input type="checkbox"/> </div> <div>           Eng. (Non-AW) <input type="checkbox"/><br/>           Prod. Eng. Coord. <input type="checkbox"/><br/>           Rec/Store/Packaging <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/><br/>           Water Jet <input type="checkbox"/><br/>           Supplier <input type="checkbox"/><br/>           Quality <input type="checkbox"/> </div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                               |  |
| Date : _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Sequence #: _____                                                                                                                 | QTY Affected : _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | MRB (QSI042)                  |  |
| <b>Description Work Order Deviation</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                   | <b>Disposition</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | <b>Completed By</b>           |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | <b>Lead hand / Supervisor</b> |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                               |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | <b>QC / QA Coordinator</b>    |  |
| <b>Root Cause</b><br><br><div style="display: flex; flex-direction: column; align-items: flex-start;"> <div>Operator <input type="checkbox"/></div> <div>Manufacturing Process <input type="checkbox"/></div> <div>Equip/Tooling <input type="checkbox"/></div> <div>Handling/Presservation <input type="checkbox"/></div> <div>Material <input type="checkbox"/></div> <div>Product Improvement <input type="checkbox"/></div> <div>Process Improvement <input type="checkbox"/></div> <div>Human Factors <input type="checkbox"/></div> </div> |                                                                                                                                   | <b>FAULT CATEGORY</b><br><br><div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <input type="checkbox"/> Pressure/Forced<br/> <input type="checkbox"/> Bending<br/> <input type="checkbox"/> Crushing<br/> <input type="checkbox"/> Cracks<br/> <input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist<br/> <input type="checkbox"/> Marks/Chatter<br/> <input type="checkbox"/> Mislabeled         </div> <div style="width: 50%;"> <input type="checkbox"/> Contamination<br/> <input type="checkbox"/> Misaligned/off center<br/> <input type="checkbox"/> BOM/Route<br/> <input type="checkbox"/> Broken/Damage/Defect<br/> <input type="checkbox"/> Incomplete/Unclear Instructions<br/> <input type="checkbox"/> Drill Holes<br/> <input type="checkbox"/> Fit/Function         </div> <div style="width: 50%;"> <input type="checkbox"/> Power Loss/Surge<br/> <input type="checkbox"/> Folio/Program<br/> <input type="checkbox"/> Grain Direction<br/> <input type="checkbox"/> Weld<br/> <input type="checkbox"/> Wrong Stock Pulled<br/> <input type="checkbox"/> Out of Sequence<br/> <input type="checkbox"/> Off-set/Set-up         </div> <div style="width: 50%;"> <input type="checkbox"/> Positioned Wrong<br/> <input type="checkbox"/> Outside Tolerance<br/> <input type="checkbox"/> Drawing<br/> <input type="checkbox"/> Finish<br/> <input type="checkbox"/> Part Lost/Missing<br/> <input type="checkbox"/> Misread         </div> </div> |  |                               |  |
| Other/Details:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                               |  |

## 5.0 PARTS LIST

| Qty<br>-011 | Qty<br>-013 | Qty<br>-015 | Qty<br>-017 | Qty<br>-019 | Part Number   | Description               |
|-------------|-------------|-------------|-------------|-------------|---------------|---------------------------|
| X           |             |             |             |             | D412-760-011  | CABIN FLOOR PROTECTOR KIT |
|             | X           |             |             |             | D412-760-013  | CABIN FLOOR PROTECTOR KIT |
|             |             | X           |             |             | D412-760-015  | CABIN FLOOR PROTECTOR KIT |
|             |             |             | X           |             | D412-760-017  | CABIN FLOOR PROTECTOR KIT |
|             |             |             |             | X           | D412-760-019  | CABIN FLOOR PROTECTOR KIT |
| 1           |             |             |             |             | D3574-1       | CABIN FLOOR PROTECTOR     |
| 1           |             |             |             |             | D3574-2       | CABIN FLOOR PROTECTOR     |
|             | 1           |             |             |             | D3574-3       | CABIN FLOOR PROTECTOR     |
|             | 1           |             |             |             | D3574-4       | CABIN FLOOR PROTECTOR     |
|             |             | 1           |             |             | D3574-5       | CABIN FLOOR PROTECTOR     |
|             |             | 1           |             |             | D3574-6       | CABIN FLOOR PROTECTOR     |
| 1           |             |             |             |             | D3575-1       | CABIN FLOOR PROTECTOR     |
| 1           |             |             |             |             | D3575-2       | CABIN FLOOR PROTECTOR     |
|             | 1           |             |             |             | D3575-3       | CABIN FLOOR PROTECTOR     |
|             | 1           |             |             |             | D3575-4       | CABIN FLOOR PROTECTOR     |
|             |             | 1           |             |             | D3575-5       | CABIN FLOOR PROTECTOR     |
|             |             | 1           |             |             | D3575-6       | CABIN FLOOR PROTECTOR     |
| 6           | 4           | 6           | 6           | 6           | D3580-1       | JOGGLE BRACKET            |
|             |             |             | 1           |             | D3788-1       | CABIN FLOOR PROTECTOR     |
|             |             |             | 1           |             | D3788-2       | CABIN FLOOR PROTECTOR     |
|             |             |             | 1           |             | D3788-3       | CABIN FLOOR PROTECTOR     |
|             |             |             | 1           |             | D3788-4       | CABIN FLOOR PROTECTOR     |
| 14          | 40          | 14          | 14          | 10          | D3628-1       | CUPPED WASHER             |
| 6           | 8           | 6           | 6           |             | D3628-3       | CUPPED WASHER             |
|             |             |             |             | 1           | D4122-1       | FLOOR PROTECTOR, FORWARD  |
|             |             |             |             | 1           | D4122-3       | FLOOR PROTECTOR, AFT      |
| 28          |             | 28          | 28          |             | NAS1149D0363J | WASHER (AN960JD10)        |
| 12          |             | 12          | 12          |             | NAS1149D0463J | WASHER (AN960JD416)       |
| 14          |             | 14          | 14          |             | MS24694S54    | SCREW                     |
| 6           |             | 6           | 6           |             | MS24694S100   | SCREW                     |